1	L	Hits	Search Text	DB	Time stamp
	Number			TIGDAM.	2004/02/04
2	1	0		1	
2			ultrafiltration"	1	12:50
2004/02/04   1976   1					
12:55   12:55   12:55   12:55   12:55   12:55   12:56   12:5				1	
Second   S	2	171	"tangential flow ultrafiltration"	1	
344   tangential WITH flow WITH   USPAT;   12:56   1				1	12:55
2004/02/04   2199141   2				1 '	
Ustrafitration	Į.			1	
## 2199141 open	3	344		1	
2199141   open	i		ultrafiltration		12:56
2199141   Open		}		EPO; JPO;	
10				§	
Second   S	4	2199141	open	USPAT;	2004/02/04
10				US-PGPUB;	12:56
10				EPO; JPO;	
				DERWENT	
- 951 plasmid ADJ purification	5	10	open WITH (tangential WITH flow WITH	USPAT;	2004/02/04
DERWENT USPAT: U	ļ		ultrafiltration)	US-PGPUB;	12:58
DERWENT USPAT: U				EPO; JPO;	
12:49   12:50   12:53   12:53   12:53   12:53   12:53   12:50   12:5					1
12:49   12:50   12:53   12:53   12:53   12:53   12:53   12:50   12:5	-	951	plasmid ADJ purification		2004/02/04
- 9953 purif\$ NEAR4 plasmid			<u> </u>		
DERMENT USPAT;   2004/02/03   12:54   12:54				F .	
- 29939 anion ADJ exchange		1		1	
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; JPO; DERWENT US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	-	9953	purif\$ NEAR4 plasmid	1	2004/02/03
- 29939 anion ADJ exchange				-	1
- 29939 anion ADJ exchange					
- 29939 anion ADJ exchange					
Control   Cont	_	29939	anion ADJ exchange		2004/02/03
- 641 anion ADJ ion ADJ exchange				· ·	
- 641 anion ADJ ion ADJ exchange					12.01
- 641 anion ADJ ion ADJ exchange  - 122904 ion ADJ exchange - 138752 (anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange) - 152 ((anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange) - 152 ((anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange) - 1 ("6200802").PN 1 ("6200802").PN 0 ("triaminoethyl").PN 0 ("trimethylamino").PN 665 trimethylamino - 641 anion ADJ exchange - 641 anion ADJ exchange - 655483 exchange - 100 ADJ exchange - 1					
- 122904 ion ADJ exchange	_	641	anion ADJ ion ADJ exchange	i e	2004/02/04
- 122904 ion ADJ exchange		""	direct the rest the chestange		1 1
- 122904 ion ADJ exchange  - 138752 (anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange) USPAT; USPAT USPAT USPAT USPAT;					07.01
122904   ion ADJ exchange					
138752	_	122904	ion ADJ eychange		2004/02/03
- 138752 (anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange) (US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT U		122301	Toll 120 Chemange		1
- 138752 (anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange)  - 152 ((anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange)) WITH (purif\$ NEAR4 plasmid)  - 1 ("6200802").PN.					12.54
- 138752 (anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange) (USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; U					
ADJ exchange) or (ion ADJ exchange)   US-PGPUB; EPO; JPO; DERWENT   USPAT;   USPAT   USPAT   USPAT   USPAT;   USPAT   USPAT;   USPAT   USPAT;   USPAT   USPAT;   USPAT   USPAT;   USPAT   US	_	138752	(anion ADJ exchange) or (anion ADJ ion		2004/02/03
- 152 ((anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange)) WITH (purif\$ NEAR4 plasmid)  - 1 ("6200802").PN. USPAT 2004/02/04 07:53  - 0 ("triaminoethyl").PN. USPAT 2004/02/04 07:53  - 0 ("trimethylamino").PN. USPAT 2004/02/04 07:53  - 665 trimethylamino USPAT 2004/02/04 07:53  - 641 anion ADJ ion ADJ exchange USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERW		130732			
- 152 ((anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange)) WITH (purif\$ NEAR4 plasmid)  - 1 ("6200802").PN.			120 chemanye, or (ron abo exchange)	1	12.01
- 152 ((anion ADJ exchange) or (anion ADJ ion ADJ exchange) or (ion ADJ exchange)) WITH (purif\$ NEAR4 plasmid)  - 1 ("6200802").PN.  - 0 ("triaminoethyl").PN.  - 0 ("trimethylamino").PN.  - 665 trimethylamino  - 641 anion ADJ ion ADJ exchange  - 0 trimethylamino SAME (anion ADJ ion ADJ exchange)  - 0 trimethylamino SAME (anion ADJ ion ADJ exchange)  - 655483 exchange  - 655483 exchange  - 152 ((anion ADJ exchange)) wiTH (US-PGFUB; EPO; JPO; DERWENT) US-PGFUB; EPO; JPO; DERWENT) US-PGFUB; EPO; JPO; DERWENT US-PGFUB; EPO; JPO; DER					
ADJ exchange) or (ion ADJ exchange)) WITH (purif\$ NEAR4 plasmid)  - 1 ("6200802").PN. USPAT 2004/02/04 07:53 - 0 ("triaminoethyl").PN. USPAT 2004/02/04 07:53 - 0 ("trimethylamino").PN. USPAT 2004/02/04 07:54 - 665 trimethylamino USPAT; 2004/02/04 07:54 - 665 trimethylamino USPAT; 2004/02/04 07:54 - 67	_	152	((anion ADJ exchange) or (anion ADJ ion		2004/02/03
(purif\$ NEAR4 plasmid)		132			
DERWENT USPAT 2004/02/04 07:53 - 0 ("triaminoethyl").PN. USPAT 2004/02/04 07:53 - 0 ("trimethylamino").PN. USPAT 2004/02/04 07:53 - 665 trimethylamino USPAT; 2004/02/04 07:54 - 665 trimethylamino USPAT; 2004/02/04 07:54 - 641 anion ADJ ion ADJ exchange USPAT; 2004/02/04 07:54 - 0 trimethylamino SAME (anion ADJ ion ADJ ERWENT USPAT; 2004/02/04 07:54 - 655483 exchange USPAT; 2004/02/04 07:54 - 67:54 EPO; JPO; DERWENT USPAT; 2004/02/04 07:54 - 655483 exchange USPAT; 2004/02/04 07:55 - 655483 exchange USPAT; 2004/02/04 07:55					12.00
- 1 ("6200802").PN. USPAT 2004/02/04 07:53 - 0 ("triaminoethyl").PN. USPAT 2004/02/04 07:53 - 0 ("trimethylamino").PN. USPAT 2004/02/04 07:54 - 665 trimethylamino USPAT; 2004/02/04 07:54 - 641 anion ADJ ion ADJ exchange USPAT; 2004/02/04 US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/02/04 07:55 - 655483 exchange USPAT; 2004/02/04 07:55			/barrra amana branura)		
- 0 ("triaminoethyl").PN. USPAT 2004/02/04 07:53 - 0 ("trimethylamino").PN. USPAT 2004/02/04 07:53 - 665 trimethylamino USPAT; 2004/02/04 07:54 - 641 anion ADJ ion ADJ exchange USPAT; 2004/02/04 07:54 - 0 trimethylamino SAME (anion ADJ ion ADJ ERWENT USPAT; 2004/02/04 07:54 - 655483 exchange USPAT; 2004/02/04 07:54 - 655483 exchange USPAT; 2004/02/04 07:55 - 655483 exchange USPAT; 2004/02/04 07:55	_`	1	("6200802") PN		2004/02/04
- 0 ("triaminoethyl").PN. USPAT 2004/02/04 07:53 - 0 ("trimethylamino").PN. USPAT 2004/02/04 07:53 - 665 trimethylamino USPAT; 2004/02/04 07:54 - 641 anion ADJ ion ADJ exchange USPAT; 2004/02/04 07:54 - 0 trimethylamino SAME (anion ADJ ion ADJ ERWENT USPAT; 2004/02/04 07:54 - 0 trimethylamino SAME (anion ADJ ion ADJ USPAT; 2004/02/04 07:54 - 655483 exchange USPAT; 2004/02/04 07:54 - 655483 exchange USPAT; 2004/02/04 07:55 - 675483 exchange USPAT; 2004/02/04 07:55			( 020002 /	22171	
- 0 ("trimethylamino").PN.  - 665 trimethylamino  - 641 anion ADJ ion ADJ exchange  - 0 trimethylamino SAME (anion ADJ ion ADJ exchange)  - 655483 exchange  - 655483 exchange  - 655483 exchange  - 77:53 2004/02/04 07:54  USPAT; 2004/02/04 07:54  EPO; JPO; DERWENT US-PGPUB; EPO; JPO	_	0	/"triaminoethyl"\ DM	IISDAT	
- 0 ("trimethylamino").PN. USPAT 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04 07:54 2004/02/04			\ C_TAMETICCCITYT / FIV.	OSIAI	1
- 665 trimethylamino	l <u> </u>		/"trimethylamino"\ DN	IIG D A TP	
- 665 trimethylamino			( crimechyramino ).FW.	ODPAI	1 '
US-PGPUB; EPO; JPO; DERWENT US-PGPUB; O7:54  anion ADJ ion ADJ exchange USPAT; 2004/02/04 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/02/04 USPAT; 2004/02/04 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; DERWENT	<u>_</u> :	CCE	trimothylamino	HCDAM.	
EPO; JPO; DERWENT USPAT; 2004/02/04 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/02/04 USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; US-PGPUB; EPO; US-PGPUB; EPO; US-PGPUB; US-PGPU	-	665	crime cultamino	· ·	1 ' ' '
- 641 anion ADJ ion ADJ exchange USPAT; 2004/02/04 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/02/04 USPAT; USPAT; 2004/02/04 USPAT;				ł ·	0/:54
- 641 anion ADJ ion ADJ exchange				1	
US-PGPUB; 07:54  EPO; JPO; DERWENT US-PGPUB; 2004/02/04 US-PGPUB; 07:54  US-PGPUB; 07:54  US-PGPUB; 07:54  US-PGPUB; 07:54  EPO; JPO; DERWENT US-PGPUB; 07:54  EPO; JPO; DERWENT US-PGPUB; 07:55 EPO; JPO; US-PGPUB; 07:55		643	and an ADT day ADT and become	ì	2004/02/04
EPO; JPO; DERWENT USPAT; 2004/02/04 US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; DERWENT US-PGPUB; O7:55 US-PGPUB; O7:55 EPO; JPO;	-	641	anton ADJ ion ADJ exchange	· '	
- 0 trimethylamino SAME (anion ADJ ion ADJ USPAT; 2004/02/04 exchange) US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/02/04 USPAT; 2004/02/04 USPAT; 2004/02/04 USPAT; US-PGPUB; EPO; JPO; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;				ł .	0/:54
- 0 trimethylamino SAME (anion ADJ ion ADJ USPAT; 2004/02/04 07:54				}	
exchange )  US-PGPUB; D7:54  EPO; JPO; DERWENT  USPAT; 2004/02/04  US-PGPUB; O7:55  EPO; JPO;		_ [		(	0004465454
EPO; JPO; DERWENT USPAT; 2004/02/04 US-PGPUB; O7:55 EPO; JPO;	_	0		I	
- 655483 exchange DERWENT USPAT; 2004/02/04 US-PGPUB; 07:55 EPO; JPO;			exchange )	· ·	07:54
- 655483 exchange USPAT; 2004/02/04 US-PGPUB; 07:55 EPO; JPO;					
US-PGPUB; 07:55 EPO; JPO;					
EPO; JPO;	-	655483	exchange		1
				US-PGPUB;	07:55
DERWENT				EPO; JPO;	
				DERWENT	

Search History 2/4/04 1:10:14 PM

-	. 26	exchange SAME trimethylamino	USPAT;	2004/02/04
			US-PGPUB; EPO; JPO;	08:11
			DERWENT	
_	552	fractogel	USPAT;	2004/02/04
			US-PGPUB;	08:11
			EPO; JPO;	
			DERWENT	
-	182628	dna or plasmid	USPAT;	2004/02/04
			US-PGPUB;	08:12
			EPO; JPO;	
	28	   fractogel SAME (dna or plasmid)	DERWENT USPAT;	2004/02/04
-	20	Tractoger SAME (dna or prasmid)	US-PGPUB;	08:15
			EPO; JPO;	00.13
			DERWENT	
-	1	("6143539").PN.	USPAT	2004/02/04
				08:54
-	0	("musil.inv.").PN.	USPAT	2004/02/04
		/# 17 1 #1 557		09:42
-	0	("musilr.inv.").PN.	USPAT	2004/02/04
_	1	("6197553").PN.	USPAT	08:55
-	1	( 0197333 ).EN.	OSFAI	10:01
_	1	("5837529").PN.	USPAT	2004/02/04
	_	, , , , , , , , , , , , , , , , , , , ,		10:40
-	1406927	glass or nylon	USPAT;	2004/02/04
}			US-PGPUB;	11:40
			EPO; JPO;	į –
			DERWENT	
-	1204975	filter	USPAT;	2004/02/04
			US-PGPUB; EPO; JPO;	10:40
			DERWENT	
_	0	(glass or nylon) NEAR3 (("5837529").PN.)	USPAT;	2004/02/04
			US-PGPUB;	10:41
			EPO; JPO;	
	1		DERWENT	
-	33630	(glass or nylon) NEAR3 filter	USPAT;	2004/02/04
			US-PGPUB;	10:41
			EPO; JPO; DERWENT	
_	74840	plasmid	USPAT;	2004/02/04
			US-PGPUB;	10:42
			EPO; JPO;	
			DERWENT	
_	532824	purif\$	USPAT;	2004/02/04
			US-PGPUB;	10:42
			EPO; JPO; DERWENT	
_	8535	purif\$ NEAR3 plasmid	USPAT;	2004/02/04
		The state of the s	US-PGPUB;	10:42
			EPO; JPO;	
			DERWENT	
_	3	((glass or nylon) NEAR3 filter) WITH	USPAT;	2004/02/04
		(purif\$ NEAR3 plasmid)	US-PGPUB;	10:45
			EPO; JPO; DERWENT	
_	189	ultipor or ulipur or sartopure	USPAT;	2004/02/04
			US-PGPUB;	11:01
			EPO; JPO;	
			DERWENT	
-	225437	dna or plasmid or nucleic	USPAT;	2004/02/04
			US-PGPUB;	11:02
			EPO; JPO;	
_	5	   (dna or plasmid or nucleic) SAME (ultipor	DERWENT USPAT;	2004/02/04
	]	or ulipur or sartopure)	US-PGPUB;	11:15
		ar arread or sarcoparo,	EPO; JPO;	
			DERWENT	
-	1	("6503738").PN.	USPAT	2004/02/04
	<u> </u>			11:39

			T = 52 = = =	T 0 0 0 4 / 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
-	1	("6297371").PN.	USPAT	2004/02/04
				11:16
-	1	("6214586").PN.	USPAT	2004/02/04
				11:17
-	1	("5057426").PN.	USPAT	2004/02/04
				11:17
-	74840	plasmid	USPAT;	2004/02/04
			US-PGPUB;	11:40
			EPO; JPO;	
			DERWENT	
_	9636	(glass or nylon) WITH (dna or plasmid)	USPAT;	2004/02/04
			US-PGPUB;	11:42
			EPO; JPO;	
			DERWENT	
-	1204975	filter	USPAT;	2004/02/04
			US-PGPUB;	11:42
			EPO; JPO;	
			DERWENT	
_	1979	filter SAME ((glass or nylon) WITH (dna	USPAT;	2004/02/04
		or plasmid))	US-PGPUB;	11:42
	1	* ' '	EPO; JPO;	
			DERWENT	
_	1359	filter with ((glass or nylon) WITH (dna	USPAT;	2004/02/04
		or plasmid))	US-PGPUB;	11:43
		• ' '	EPO; JPO;	
			DERWENT	

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(FILE 'HOME' ENTERED AT 08:26:47 ON 04 FEB 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE' ENTERED AT 08:27:19 ON 04 FEB 2004 941 S TRIMETHYLAMINO L1898525 S EXCHANGE L2L324 S L1 (P) L2 15 DUPLICATE REMOVE L3 (9 DUPLICATES REMOVED) L4=> s plasmid 285030 PLASMID => s purif? L6 1896692 PURIF? => s 15(s) 1610069 L5(S) L6 => s fractogel 1167 FRACTOGEL => s 18 (p)1715 L8 (P) L7 L9 => duplicates ENTER REMOVE, IDENTIFY, ONLY, OR (?):remove ENTER L# LIST OR (END):19 DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, EMBASE' KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n PROCESSING COMPLETED FOR L9

6 DUPLICATE REMOVE L9 (9 DUPLICATES REMOVED)

=> d 110 ibib abs 1-6

L10